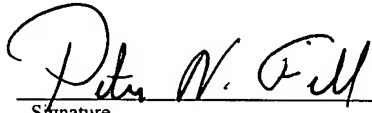


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| FORM PTO-1390 (REV 10-2004) | | ATTORNEY DOCKET NUMBER 5000-5247 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.51) TBA 10, 525,983 |
| INTERNATIONAL APPLICATION PCT/JP2003/010660 | INTERNATIONAL FILING DATE 22 August 2003 | PRIORITY DATE CLAIMED 28 August 2002 |
| TITLE OF INVENTION OSCILLATOR CIRCUIT | | |
| APPLICANT(S) FOR DO/EO/US Isami KATO and Hiroshi MIYAGI | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected. (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input checked="" type="checkbox"/> is attached hereto</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11. to 20. below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or Information: First page of Published Application; Check in the amount of \$1,040.00; PCT/IB/332; PCT/IB/308; PCT/IB/304; PCT/IB/301; and Return Receipt Postcard.</p> | | |

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| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.51) TBA | | INTERNATIONAL APPLICATION NO. PCT/JP2003/010660 | | ATTORNEY'S DOCKET NO. 5000-5247 | |
| 21. The following fees are submitted. | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee | | \$300.00 | | \$ 300.00 | |
| <input checked="" type="checkbox"/> b) Examination fee | | \$200.00 | | \$ 200.00 | |
| <input checked="" type="checkbox"/> c) Search fee | | \$500.00 | | \$ 500.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | \$1,000.00 | | \$ 1,000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 24- 100 = | /50 = | | x \$250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 17 - 20 | 0 | x \$50.00 | \$ | |
| Independent claims | 2 - 3 | 0 | x \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,000.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$1,000.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | |
| TOTAL NATIONAL FEE = | | | | \$1,000.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | |
| TOTAL FEES ENCLOSED = | | | | \$1,040.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$1,040.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>13-4500</u> in the amount of \$_____ to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-4500</u> 5000-5247. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| Steven F. Meyer, Esq. MORGAN & FINNEGAN, LLP 3 World Financial Center New York, NY 10281 | | | | | |
|  Signature | | | | | |
| Peter N. Fill Name | | | | | |
| 38,876 REGISTRATION NUMBER | | | | | |

IN THE UNITED STATES

☐ RECEIVING OFFICE (RO/US)
☒ DESIGNATED OFFICE (DO/US)
☒ ELECTED OFFICE (EO/US)

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| Isami KATO and Hiroshi MIYAGI | | |

Mail Stop PCT
Attn DO/EO/US
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313 1450

VERIFIED CERTIFICATION OF EXPRESS MAILING DATE
(INTERNATIONAL APPLICATION (37 CFR 1.10(c)))

I declare that on the date indicated below, I deposited with the United States Postal Service in an envelope "Express Mail, Post Office to Addressee", bearing Label Number EV 622496353 US addressed to the "Commissioner for Patents, Mail Stop PCT, Alexandria, VA 22313 1450, Attention: DO/EO/US" and having an express mail certification which I executed, the following papers:

- a. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371, duly executed;
- b. Specification 17 pps; Claims 4 pps; abstract 1 pp;
- c. Preliminary Amendment;
- d. Formal Drawings 2 sheets (Figs 1-2);
- e. Information Disclosure Statement;
- f. PTO Form 1449 with cited references;
- g. Copy of Notice Informing the Applicant of the Communication of the International Application to the Designated Offices;
- h. Copy of Information Concerning Elected Offices Notified of their Election;
- i. Notification Concerning Submission or Transmittal of Priority Document;
- j. Notification of Receipt of Record Copy;
- k. Copy of First Page of International Application Published Under the Patent Cooperation Treaty (PCT);
- l. Assignment Recordation Cover Sheet;
- m. Assignment of Rights (executed) 1pp;
- n. Combined Declaration and Power of Attorney (executed) 4pp;
- o. Check in the amount of \$1040.00;
- p. Return Receipt Postcard .

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Albert Isles
(Typed or printed name of person making this verified statement)

Date February 25, 2005

Albert Isles
(Signature of person making this verified statement)